

Date: Fri, 24 Sep 93 04:30:17 PDT
From: Ham-Digital Mailing List and Newsgroup <ham-digital@ucsd.edu>
Errors-To: Ham-Digital-Errors@UCSD.Edu
Reply-To: Ham-Digital@UCSD.Edu
Precedence: Bulk
Subject: Ham-Digital Digest V93 #51
To: Ham-Digital

Ham-Digital Digest Fri, 24 Sep 93 Volume 93 : Issue 51

Today's Topics:

 Any experience from delta modulation?? (3 msgs)
 BKMULTY: looking for views/reviews (2 msgs)
 Morse decoder for Mac??
 rec.radio.amateur.digital.misc Frequently Asked Questions (3 msgs)
 TPK baycom driver needed help!
 TRS-80
 X1J (2 msgs)

Send Replies or notes for publication to: <Ham-Digital@UCSD.Edu>

Send subscription requests to: <Ham-Digital-REQUEST@UCSD.Edu>

Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Digital Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-digital".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 23 Sep 93 23:53:39 GMT
From: ogicse!emory!wa4mei!ke4zv!gary@network.ucsd.edu
Subject: Any experience from delta modulation??
To: ham-digital@ucsd.edu

In article <CDt7pz.AtM@feenix.metronet.com> henrys@feenix.metronet.com (Henry B
Smith) writes:

>Erik Finskas (lakki@krk.fi) wrote:

>: Have anyone tried delta modulation for digital communication?? Motorola
>: has a codec for Slope delta modulation, which can handle low bit rates,
>: and is especially designed for them.
>: All e-mail appreciated.

>

>Help me on this Erik, I thought codecs and Delta Modulation was used
>primarily for PCM encoded voice.

Amateur Packet: OH2LAK@OH2RBJ.FIN.EU

O E I
U O
R

H A M R A D I O
T H E R E A L T H I N G

Date: Thu, 23 Sep 93 07:27:27 CDT

From: sdd.hp.com!usc!howland.reston.ans.net!agate!tcsi.tcs.com!iat.holonet.net!
vulcan!gary@network.ucsd.edu

Subject: Any experience from delta modulation??

To: ham-digital@ucsd.edu

lakki@krk.fi (Erik Finskas) writes:

>
> Have anyone tried delta modulation for digital communication?? Motorola
> has a codec for Slope delta modulation, which can handle low bit rates,
> and is especially designed for them.
> All e-mail appreciated.
>
> /Erik
> --
> E R I K F I N S K A S OH2LAK
> -----
> InterNet: Erik.Finskas@krk.fi RADIO AMATEUR
> Lakki@krk.fi D HAM A
> Lakki@cute.cute.fi I T RADIO
> Amateur Packet: OH2LAK@OH2RBJ.FIN.EU O E I
> ----- U O
> H A M R A D I O R
> T H E R E A L T H I N G

I have tried delta modulation using the Motorola chips. I didn't put it out on the air, but simply tied the data leads together and tested the back-to-back arrangment at various sample rates. My results were disappointing. To get any quality voice, the sample rate had to be above about 40 kilo-samples/sec. I dropped the project at that point.

Good luck de ko4cy
gary@vulcan.com

Date: 22 Sep 1993 15:42:40 GMT

From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!
usenet.ins.cwru.edu!news.ecn.bgu.edu!anaxagoras.ils.nwu.edu!news.acns.nwu.edu!
casbah.acns.nwu.edu!rdewan@network.ucsd.edu

Subject: BKMULTY: looking for views/reviews
To: ham-digital@ucsd.edu

I am considering to buy a copy of BK-MULTY software from
AC4IW for RTTY/AMTOR with my TU (HD3030, TU470 compatible).
I am looking for any views/reviews of it or similar software.

Any comments, especially with its compatibility with Windows,
will be greatly appreciated.

Rajiv
aa9ch
r-dewan@nwu.edu

Date: Thu, 23 Sep 93 07:21:11 CDT
From: tcsi.tcs.com!iat.holonet.net!vulcan!gary@uunet.uu.net
Subject: BKMULTY: looking for views/reviews
To: ham-digital@ucsd.edu

rdewan@casbah.acns.nwu.edu (Rajiv Dewan) writes:

> I am considering to buy a copy of BK-MULTY software from
> AC4IW for RTTY/AMTOR with my TU (HD3030, TU470 compatible).
> I am looking for any views/reviews of it or similar software.
>
> Any comments, especially with its compatibility with Windows,
> will be greatly appreciated.
>
> Rajiv
> aa9ch
> r-dewan@nwu.edu

Well, I have been using BMKMULTY for about 2 years, and I like it. Oneth
air QSO's with other hams that use BMKMULTY generally indicate that they
favor it over multi-mode controllers, but I don't have a multi-mode
controller to compare it to. It provides a low cost way to get into
AMTOR, and now PACTOR. It has some neat features, like mode-specific
setups and automatic call sign detection.

My two cents worth ...

73 de ko4cy
gary@vulcan.com

Date: Thu, 23 Sep 1993 10:57:13 GMT
From: news.cerf.net!pagesat!spssig.spss.com!feenix.metronet.com!
marcbg@network.ucsd.edu
Subject: Morse decoder for Mac??
To: ham-digital@ucsd.edu

Are there any Morse decoder systems, especially for the Mac, which do not
require a multi-mode TNC? Something a little cheaper?

Thanks in advance!

--

Marc B. Grant, N5MEI | marcbg@metronet.com | 214/231-3998 (voice)
P.O Box 850472 | marcbg@esy.com | 214/231-0025 (fax)
Richardson, TX 75085 |
"A billion here, a billion there, it starts to add up to real money" - HL Hunt

Date: 23 Sep 1993 13:41:22 GMT
From: sdd.hp.com!usc!howland.reston.ans.net!spool.mu.edu!olivea!inews.intel.com!
ilx018.intel.com!ilx049!dbraun@network.ucsd.edu
Subject: rec.radio.amateur.digital.misc Frequently Asked Questions
To: ham-digital@ucsd.edu

Does anyone have a description of PACTOR that they could contribute
to the FAQ? I am curious about this mode, but none of the books
I have (e.g. ARRL Operating Manual) mentions it.

--

Doug Braun Intel Israel, Ltd. M/S: IDC1-41
Tel: 011-972-4-655069 dbraun@inside.intel.com

Date: 23 Sep 1993 23:57:31 GMT
From: nothing.ucsd.edu!brian@network.ucsd.edu
Subject: rec.radio.amateur.digital.misc Frequently Asked Questions
To: ham-digital@ucsd.edu

Just a minor correction to the FAQ answers: the PACKET-RADIO@UCSD.EDU
discussion list still exists and thrives; it's just not connected to the
old usenet REC.RADIO.AMATEUR.PACKET newsgroup any more.

- Brian

Date: 24 Sep 93 00:56:49 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!sol.ctr.columbia.edu!news.unomaha.edu!
cwis!pschleck@network.ucsd.edu
Subject: rec.radio.amateur.digital.misc Frequently Asked Questions
To: ham-digital@ucsd.edu

In <27td5bINN9ku@network.ucsd.edu> brian@nothing.ucsd.edu (Brian Kantor) writes:

>Just a minor correction to the FAQ answers: the PACKET-RADIO@UCSD.EDU
>discussion list still exists and thrives; it's just not connected to the
>old usenet REC.RADIO.AMATEUR.PACKET newsgroup any more.
> - Brian

Yeah, and if one wants to continue to be an involved net-participant (as
opposed to a bar-the-door, future-shocked Luddite), one can subscribe
to HAM-DIGITAL@UCSD.EDU, which *IS* connected to the principal net forum
for discussion concerning packet radio and other digital modes,
rec.radio.amateur.digital.misc.

73, Paul W. Schleck, KD3FU

pschleck@unomaha.edu

Date: 24 Sep 93 12:13:32 NZST
From: munnari.oz.au!comp.vuw.ac.nz!newshost.wcc.govt.nz!kosmos.wcc.govt.nz!
swain_i@network.ucsd.edu
Subject: TPK baycom driver needed help!
To: ham-digital@ucsd.edu

Help I need the baycom modem driver for TPK and I don'y have FTP access gezz
I hate that!.. Never mind could someone please encode to me as mail??..

73 de ZL2IAS
Ian

Date: 23 Sep 93 12:50:49 CST
From: swrinde!cs.utexas.edu!gerald@cc.utexas.edu!utxvms.cc.utexas.edu!
johnz@network.ucsd.edu
Subject: TRS-80
To: ham-digital@ucsd.edu

I have an old TRS-80 that I would like to use for digital. I know that
software was once available for this. Does anyone know where I could find
same? Also TNC plans?

Thanks close

Date: 23 Sep 93 23:07:10 GMT
From: ogicse!hp-cv!sdd.hp.com!col.hp.com!srngenprp!glenne@network.ucsd.edu
Subject: X1J
To: ham-digital@ucsd.edu

I'd be very appreciative if someone would do a digital loopback test while increasing the speed to see how fast X1J will go. I'm currently using standard AX.25 TNC code in 10MHz Tiny2s to control several high speed radios. Currently I'm cpu/code bound to a maximum of only 38.4 kbps. I'd very much like to know if X1J can do this fast or better (or half this with standard 5M clock). I'd much prefer the functionality of X1J if it is at least as good.

Thanks in advance for any help.

Glenn Elmore n6gn

N6GN @ K3MC
amateur IP: glenn@SantaRosa.ampr.org
Internet: glenne@sr.hp.com

Date: 23 Sep 1993 16:36:12 GMT
From: sdd.hp.com!math.ohio-state.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!moe.ksu.ksu.edu!crcnis1.unl.edu!unlinfo2!mcduffie@network.ucsd.edu
Subject: X1J
To: ham-digital@ucsd.edu

mitchell@sosc1.sosc.osshe.EDU writes:

>I installed X1J in a TNC2 yesterday and it seems to hang during the start
>up sequence. I have to switch the power on an off several times before the
>tnc starts properly. The clock rate is 4.9MHz, I've got 32K RAM and 200ns
>27512's. After it starts, the node seems to run fine...

>I've tried two TNC's and both behave exactly (:-) the same....

>Thanks
>Stu

I have three of them running and have had no problems with them. There

are also J nodes to the west of me in Wyoming that are working fine. I would try burning new chips. Also, be certain that you are pulling the battery jumper and leaving the power off for AT LEAST 2-3 minutes to allow the other code to be lost. Yes, I have seen some retain data for up to 2 minutes of no power and no battery. Just to be safe (not even sure if this works), I like to do a reset after I power the unit up the first time and before I program in the locked-high routes and info string.

73, Gary

P.S. I have mine in: (2) MFJ 1270b/1274 and (1) PacComm Tiny-2

End of Ham-Digital Digest V93 #51
